


Exhibit 1

	Disclosure AUS8-2003-1471
	Prepared for and/or by an IBM Attorney - IBM Confidential
	Created By Scott Broussard On 08/21/2003 08:19:28 AM MDT Last Modified By Barbara Rogers On 10/02/2003 10:32:08 AM MDT

Required fields are marked with the asterisk (*) and must be filled in to complete the form.

*Title of disclosure (in English)

System and Method for Cell Phone Compass & location estimator

Summary

Status	Final Decision (File/Merge)
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Attorney/Patent Professional	Diana L. Roberts/Austin/IBM
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Incentive Program	
Lab	
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Inventors with a Blue Pages entry

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IDT Selection

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Main idea for disclosure - continued

**Main Idea for Disclosure AUS8-2003-1471**

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Title of disclosure (in English)
System and Method for Cell Phone Compass & location estimator

Main idea of disclosure

1. Background: What is the problem solved by your invention? Describe known solutions to this problem (if any). What are the drawbacks of such known solutions, or why is an additional solution required? Cite any relevant technical documents or references.

ABSTRACT

In the area of cell phones, popularity services, GPS, this innovation describes a system and method that allows the GPS location (of another location from where the device is) to be estimated, and then the information can be integrated with cell phone services that utilize GPS.

PROBLEM

Sometimes GPS is a valuable piece of information in performing an advanced enterprise telecom service, however, sometimes even better services could be performed by getting the GPS location of some other location.

2. Summary of invention: Briefly describe the core idea of your invention (saving the details for questions #3 below). Describe the advantage(s) of using your invention instead of the known solutions described above.

SOLUTION

This innovation utilizes an internal digital compass that is part of the cell phone device, to provide directional capability within the phone. With the direction that the phone is pointing, the phone can prompt the user for a distance and calculate the estimated GPS of another point of interest. This other point of interest can be used to determine the rating or category of that point and utilize the rating system.

Distances can be easily entered or selected from a list (1 block, 2 block, 5 blocks, 1/2 mile, 1 mile, 5 miles, 10 miles).

Additionally, the simple compass can provide navigational assistance for a phone device user as with a traditional compass. Compass directions are useful not only in the woods but in cities, tunnels buildings where users may get disoriented. The phone service may also give directions in terms of a bearing and distance.

When entering a distance and pointing the cell phone, and possibly selecting a category (or deriving a category from your current location), the cell phone service can suggest points of interest or businesses in the most appropriate order the 'best' by rating or the closest by distance.

Maps can be easily provided for points of interest that are recommended by this system.

DERIVATIVES

Main idea for disclosure - continued

The cellular link layer of the system could determine based on the signal strength at several towers, the angle that the phone is pointing, in addition to its GPS. So older phone models could be supported.

3. Description: Describe how your invention works, and how it could be implemented, using text, diagrams and flow charts as appropriate.